

Date: Wed, 3 Aug 94 12:09:06 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #871  
To: Info-Hams

Info-Hams Digest                      Wed, 3 Aug 94                      Volume 94 : Issue 871

Today's Topics:

.52 beacon legal? (was: Amateur Radio Newsline #885 31 Jul 94)  
    2m what is the best way?  
    ARLX023 Marconi widow dies  
    Cuba IRCs  
Daily Summary of Solar Geophysical Activity for 01 August  
    Ham Software Pirates?  
    Help old DX QSOs!  
How to get started for amateur radio!  
    INFO WANTED: Yaesu  
    IPS Daily Report - 02 August 94  
    Lightbulb's as antennas?  
N Connector on 9913-What about Foil? (2 msgs)  
    Question from a NOVICE  
    repeaters in the microwave bands  
REQUEST: Help finding WWV receiver! (2 msgs)  
    Richmond, VA area hamfests???

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Wed, 3 Aug 1994 11:58:40 GMT  
From: world!drt@uunet.uu.net  
Subject: .52 beacon legal? (was: Amateur Radio Newsline #885 31 Jul 94)  
To: info-hams@ucsd.edu

:                      .52 BEACON  
:

:  
: Speaking about VHF matters, W1NZ reports by packet that he has  
: a half watt modulated cw beacon on 146.52 in Onyx, California.  
: Orrin says that it can barely be heard 30 km from its site but  
: tropo might make it occasionally audible elsewhere in the United  
: States. If you hear it, please send your QSN reports by packet  
: to W1NZ at WA6YBN or U.S. mail to P.O. Box 99, Onyx, CA 93255. Be  
: sure to include the text what you copy plus how often the beacon  
: is going off, This, as a check that really are copying it. Orrin  
: will QSL reports that he receives.

I was under the impression that automatically controlled beacons on 2 meters were restricted to 144.275-144.300 (97.203d). How, then, can this be legal? And anyway, does continuous MCW on the National Simplex Frequency, even locally, qualify as good practice?

-drt

-----  
David R. Tucker      KG2S                      8P9CL                      drt@world.std.com

-----  
Date: 2 Aug 94 12:42:47 -0500  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
math.ohio-state.edu!hobbes.physics.uiowa.edu!cobra.uni.edu!  
parickj4560@network.ucsd.edu  
Subject: 2m what is the best way?  
To: info-hams@ucsd.edu

Hello everyone, I have been fairly active on the HF bands, but I am sort of getting a little bored with "skip" talking. I wouldn't mind a little local 2m ragchews. The thing is, I have never keyed down a 2m radio, (but I have monitored our repeater with my scanner) and I don't have a radio.

I know you need a 100hz tone to activate the machine, so what type of radio (HT) should I get. Hopefully it would be cheep! Thanks N0ZYA -jmp-

-----  
Date: Tue, 2 Aug 1994 15:37:31 MDT  
From: news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!gatech!  
newsfeed.pitt.edu!ctc.com!news.mic.ucla.edu!unixg.ubc.ca!quartz.ucs.ualberta.ca!  
alberta!ve6mgs!usenet@@ihnp4.ucsd.edu  
Subject: ARLX023 Marconi widow dies  
To: info-hams@ucsd.edu

SB SPCL @ ARL \$ARLX023  
ARLX023 Marconi widow dies

ZCZC AX55  
QST de W1AW  
Special Bulletin 23 ARLX023  
>From ARRL Headquarters  
Newington CT August 3, 1994  
To all radio amateurs

SB SPCL ARL ARLX023  
ARLX023 Marconi widow dies

Marconi widow dies

The widow of Guglielmo Marconi has died. The Marchesa M. Cristina Bezzi Scali died July 15, 1994, at age 94.

The two were married in 1927. Marconi lived another 10 years, dying in 1937 at age 63.

The couple had a daughter, Elettra, who was baptized by Cardinal Eugeni Pacelli, who would later become Pope Pius XII. Elettra's godmother was Elena di Savoia, queen of Italy.

According to Pat Ciancarini, IOKHP, Elettra will continue the family's work in preparing for ''1995, Year of Guglielmo Marconi,'' the centennial celebration of Marconi's first wireless telegraph.

The funeral was held July 18. Among those attending were several bishops from the Sovereign Military Order of Malta.

NNNN  
/EX

-----  
Date: 3 Aug 94 12:13:56 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Cuba IRCs  
To: info-hams@ucsd.edu

Does anyone have information on how many IRCs would be required to airmail a QSL card from Cuba to the US? My (possibly outdated) information says four, but I am hesitant about relying on this guess.

Thanks.

Reed L. Christiansen, WM9I / Eastman Chemical Company/ E-Mail: reed@emn.com



Solar activity was very low. The largest flare of the day was a B7.2 at 01/1233Z.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be quiet. Unsettled to active conditions may appear on day three due to a favorably positioned coronal hole.

Event probabilities 02 aug-04 aug

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 02 aug-04 aug

A. Middle Latitudes	
Active	15/15/30
Minor Storm	10/10/15
Major-Severe Storm	01/01/05
B. High Latitudes	
Active	20/20/30
Minor Storm	10/10/15
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions. No changes in propagation are expected until about 04 August when a recurrent disturbance should result in minor signal degradation over the high and polar latitude paths, particularly for transauroral night-sector circuits. Most other regions should see near-normal propagation.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 01/2400Z AUGUST

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7759	N03W17	212	0000	AXX	00	001	ALPHA	
7760	S07W77	272	0000	AXX	01	001	ALPHA	

7761 S05W03 198 0000 AXX 00 001 ALPHA  
REGIONS DUE TO RETURN 02 AUGUST TO 04 AUGUST  
NMBR LAT LO  
7754 N11 080  
7751 S12 070

LISTING OF SOLAR ENERGETIC EVENTS FOR 01 AUGUST, 1994

-----  
BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP  
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 01 AUGUST, 1994

-----  
BEGIN MAX END LOCATION TYPE SIZE DUR II IV  
NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 01/2400Z

-----  
ISOLATED HOLES AND POLAR EXTENSIONS  
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN  
NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

-----  
Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz  
-----  
31 Jul: 1203 1215 1222 B1.2

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

-----  
C M X S 1 2 3 4 Total (%)  
-- -- -- -- --  
Uncorrelated: 0 0 0 0 0 0 0 0 001 (100.0)

Total Events: 001 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

-----  
Date Begin Max End Xray Op Region Locn Sweeps/Optical Observations

-----  
NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

-----  
Date: 2 Aug 1994 23:27:34 -0600  
From: mnemosyne.cs.du.edu!nyx10.cs.du.edu!not-for-mail@uunet.uu.net  
Subject: Ham Software Pirates?  
To: info-hams@ucsd.edu

In article <Cty18F.JrF@srgenprp.sr.hp.com>,  
Alan Bloom <alanb@hpnmarb.sr.hp.com> wrote:  
>Maybe he is referring to the widespread use of TheNet, a ripoff of  
>WA8DED's copyrighted NetROM software. Within a short time after TheNet's  
>appearance, most new digipeaters were using it to avoid paying for a legal  
>copy.

Ron Raikes' (WA8DED) strongarm tactics - including nearly getting the JPL ARC shut down - as well as his utter refusal to provide any proof of the accusation until well after the issue had been highly polarized didn't help his cause any, either.

>Needless to say, WA8DED has not since written any new amateur radio  
>software...

Personally, I'll trade that for an active, thriving JPL ARC. Ron gets no sympathy from me.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can  
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.

"From now on, when someone asks you where you're from, you tell 'em  
'Houston, city of champions!'" -- Rudy Tomjanovich

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Date: Tue, 2 Aug 1994 18:50:20 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!  
news.eunet.fi!krk!krksun.krk.fi!oh2lre@network.ucsd.edu  
Subject: Help old DX QSOs!  
To: info-hams@ucsd.edu

Hi DX-world!

I found couple of call signs from our radio club's ancient logs and don't know  
on which DXCC-countries they count for. So if you know please send a message  
to me. The QSOs are:

VK0E 14.Sep.1987 at 0944Z on 14 CW via UA1AFM, is this Antarctica?

KC6SG 23.Oct.1987 at 0951Z on 21 CW USA or Belau?

ZL0AFZ/9 12.Feb.1988 at 0823Z on 21 CW Which DXCC-country?

Tnx for possible help and 73 de Simo/OH2LRE

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email : oh2lre@krk.fi Radio amateur call : OH2LRE  
packet : OH2LRE@OH2RBG.FIN.EU Ham since 1991

-=> SysOp of OH2RBG's Packet cluster, DX hunter, QSL mgr. <=-

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Date: 2 Aug 94 19:47:03 CST  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!  
bcm!newsfeed.rice.edu!cs0.lamar.edu!cs\_sic@network.ucsd.edu  
Subject: How to get started for amateur radio!  
To: info-hams@ucsd.edu



Could anyone tell me how to get started in amateure radio area, and if you have list of contact persons in the Beaumont TX area, Please let me know at my E\_mail address:cs\_sic@cs4.lamar.edu

Thank you for your time and guidance.

Suresh.

-----  
Date: Tue, 2 Aug 94 21:49:00 -0400  
From: news.sprintlink.net!coyote.channel1.com!channel1!alan.wilensky@uunet.uu.net  
Subject: INFO WANTED: Yaesu  
To: info-hams@ucsd.edu

SM>>Message-ID: <31m5f6\$821@lucy.infi.net>  
SM>Newsgroups: rec.radio.amateur.misc  
SM>Organization: InfiNet, L.C.

SM>In article <CtvJr3.Mr@serval.net.wsu.edu>,  
SM>i9261739@wsuaix.csc.wsu.edu (Mike Wallendahl) says:

SM>>I got lots of replies to my last query about the Alinco, and now I'm  
SM>>leaning towards maybe a Yaesu. Anyone have any horrible experiences  
SM>with >this radio?  
SM>>  
SM>>I found it for \$435. That a good price?

The Ft530 does it all. But you will ahevsome intermod under some conditions. The manual will keep you bust reading. You will never use the tone paging features. Pay around 400.00 at HRO.

Alan Wilensky, N1SS0  
General Manager  
Interactive Workplace Division  
Vicom, LTD.  
Phone: Edmonton Office  
11603 165 St.  
abm@world.std.com

---  
≥ CmpQwk #UNREG≥ UNREGISTERED EVALUATION COPY

-----  
Date: Tue, 2 Aug 1994 23:11:23 GMT  
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!howland.reston.ans.net!  
europa.eng.gtefsd.com!newsxfer.itd.umich.edu!isclient.merit.edu!msuinfo!

harbinger.cc.monash.edu.au!news.cs@ihnp4.ucsd.edu

Subject: IPS Daily Report - 02 August 94

To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT

ISSUED AT 02/2330Z AUGUST 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.

SUMMARY FOR 02 AUGUST AND FORECAST FOR 03 AUGUST - 05 AUGUST

-----  
1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 75/13

GOES satellite data for 01 Aug

Daily Proton Fluence >1 MeV: 9.2E+05

Daily Proton Fluence >10 MeV: 1.3E+04

Daily Electron Fluence >2 MeV: 3.1E+07

X-ray background: A1.5

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	03 Aug	04 Aug	05 Aug
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 03 Aug: 75/13

-----  
2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices :	A	K	Observed A Index 01 Aug
Learmonth	3	2111 1111	
Fredericksburg	4		8
Planetary	6		7

Observed Kp for 01 Aug: 3222 2222

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
------	----	------------

03 Aug	16	Unsettled
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04 Aug	10	Quiet to unsettled
--------	----	--------------------

05 Aug	10	Quiet to unsettled
--------	----	--------------------

COMMENT: Mild coronal hole induced activity expected August 3.

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3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
02 Aug	normal	normal	normal

PCA Event : None.

### 3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
03 Aug	normal	fair	poor
04 Aug	normal	normal	fair
05 Aug	normal	normal	fair

COMMENT: High lats may experience degraded conditions on August 3.

### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
02 Aug	25	near predicted monthly values

Predicted Monthly T-index for August: 20

### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
03 Aug	20	Near predicted monthly values
04 Aug	25	Near predicted monthly values
05 Aug	25	Near predicted monthly values

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: 2 Aug 94 12:27:04 EST

From: agate!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!  
 cis.ohio-state.edu!pacific.mps.ohio-state.edu!ohstpy.mps.ohio-state.edu!miavx1!  
 miavx3.mid.muohio.edu!clmorgan@ames.

Subject: Lightbulb's as antennas?

To: info-hams@ucsd.edu

In article <31a2ss\$ksf@agate.berkeley.edu>, troys@cory.EECS.Berkeley.EDU (Troy Shahoumian KC6SCZ) writes:

> I thought I heard someone say that a recent Newsline featured a HF  
 > contact made by Gorden West using a lightbulb as an antenna. Does  
 > anyone have some information on this? Or was I hearing things  
 > (again!)?

It's been done many times. In the "good old days", a lightbulb was frequently used as a dummy load as well as a visual indicator of power output from a transmitter.

Inasmuch as the lightbulb is poorly shielded, radiation did (does) occur thereby making two-way contacts possible.

How far? As with any contact, depends on propagation characteristics and band conditions.

73 >< Carl  
K8NHE

-----  
Date: Tue, 2 Aug 1994 13:11:25 -0400  
From: newsserver.jvnc.net!rohvm1!rohvm1.mah48d@RUTGERS.EDU  
Subject: N Connector on 9913-What about Foil?  
To: info-hams@ucsd.edu

When you install an N connector on the end of a piece of Belden 9913, what do you do with the foil?

According to the guy who is attempting this, the braid has someplace to go in the connector, but the outer foil doesn't, and he's concerned about just letting it float.

I'm an HF person, so I don't use N connectors myself, but the problem prompted a long discussion on the local repeater, with no good answer, so it seems appropriate for this group.

--  
John Taylor (W3ZID) | "The opinions expressed are those of the  
roh033.mah48d@rohmmaas.com | writer and not of Rohm and Haas Company."

-----  
Date: 3 Aug 1994 07:18:25 -0400  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!eff!news.duke.edu!  
news-feed-1.peachnet.edu!st6000.sct.edu!not-for-mail@network.ucsd.edu  
Subject: N Connector on 9913-What about Foil?  
To: info-hams@ucsd.edu

All the 9913 that I've used had the foil bonded to the outside of the "tube" part of the coax. Just leave it there.

Tell your friend to be aware that you need a special N connector for 9913, it has a larger hole in the center pin to accept the larger center

conductor...

73 de n1kdo

-----  
Date: Tue, 2 Aug 1994 21:49:31 GMT  
From: hplntx!hpwrce!lou@hplabs.hpl.hp.com  
Subject: Question from a NOVICE  
To: info-hams@ucsd.edu

Howdy,  
I've had a Novice license since the mid 80's and have recently started to think about getting a Technician Class License.

I notice that there is now a NO-CODE Tech. License....is there an advantage to me having passed the 5 wpm test?

I always thought the code test kept HAM from becoming like CB (I've really been out of touch so if this is a sore issue, please give me some slack)

Obviously, I have no room to make any comments...all I want know is there a separate license for Technician with code?

Thanks in Advance

Lou KA6UYK

-----  
Date: Tue, 2 Aug 1994 13:24:41 GMT  
From: psinntp!arrl.org!zlau@uunet.uu.net  
Subject: repeaters in the microwave bands  
To: info-hams@ucsd.edu

Warren Kinninger (wkinning@nyx10.cs.du.edu) wrote:  
: Who publishes the Microwave Update ?

The ARRL currently publishes camera ready copy furnished by a number of the conferences, including the Eastern States VHF/UHF conference, AMSAT-NA Space symposium, Computer Networking conference, and Central States VHF conference.

The West Coast conference wasn't able to get it ready in time, so they printed it on their own this year.

The conference organizers often have copies of the proceedings for past years, even if we no longer have them.

--

Zack Lau KH6CP/1 2 way QRP WAS  
8 States on 10 GHz  
Internet: zlau@arrl.org 10 grids on 2304 MHz

-----

Date: Tue, 2 Aug 1994 23:20:18 GMT  
From: omen!caf@uunet.uu.net  
Subject: REQUEST: Help finding WWV receiver!  
To: info-hams@ucsd.edu

In article <775835365snz@alcarg.demon.co.uk> al@alcarg.demon.co.uk writes:  
>Sorry for being a dumbo - my interest has being raised! What is WWV?  
>Is this a North American only broadcast or can it be received  
>in Europe? The reason I ask is that I have tuned a short wave radio  
>in to the bands given and dont hear anything. I am ready to be  
>laughed off this group !!

When conditions are right I can hear some of the other stations  
on the 5, 10, or 15 mHz frequencies underneath WWV. You might  
try listening just before the hour or half hour on whatever  
frequency favors Colorado USA or Hawaii at the time. Try  
turning up the volume and listening for faint background voices  
as you should have European stations on these frequencies.

--

Chuck Forsberg WA7KGX caf@omen.COM 503-621-3406  
Author of YMODEM, ZMODEM, Professional-YAM, ZCOMM, GSZ and DSZ  
Omen Technology Inc "The High Reliability Software"  
TeleGodzilla BBS: 503-621-3746 FAX:-3735 CIS:70007,2304

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Date: 3 Aug 94 15:47:57 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: REQUEST: Help finding WWV receiver!  
To: info-hams@ucsd.edu

>Sorry for being a dumbo - my interest has being raised! What is WWV?  
>Is this a North American only broadcast or can it be received  
>in Europe? The reason I ask is that I have tuned a short wave radio  
>in to the bands given and dont hear anything. I am ready to be  
>laughed off this group !!  
>  
>Al

WWV is the National Institute of Standards and Technology time standard  
broadcasting on 2.5, 5, 10, 15 and 20 Mhz providing time of day, standard

time intervals, and other related information. Inquiries regarding these...  
(oops, I got carried away).

It is generally available only in the U.S. Several other countries have their own time signals on these frequencies. I have a Heathkit GCW-1001 digital clock which receives a 100Hz sub-carrier and keeps the clock locked on time. I used it to keep my Unix system and LAN clocks correct.

```
*****
* Robert G. Schaffrath, N2JTX      * Internet:   rgs%wpmax2%gfmida@uunet.uu.net *
* Systems Engineer                * CompuServe: 76330,1057          *
* Maxwell House Coffee Company    * Phone:       914-335-2777          *
* Kraft General Foods Corp.       * Slogan:      "ervice is ur mott"    *
*****
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Date: 2 Aug 1994 20:14:58 -0400  
From: news1.digex.net!digex.net!not-for-mail@uunet.uu.net  
Subject: Richmond, VA area hamfests???  
To: info-hams@ucsd.edu

Could someone send me a list of upcoming hamfests in the Richmond, VA area?  
Within say an hour or two.

Thanks,

Chris

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End of Info-Hams Digest V94 #871  
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